

Converting Colors

Hex(1DCD89)

Have a look what the booklet for
Hex(1DCD89) contains.

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Color

Hex(1DCD89)

Conversions

Conversions Part 1

Format	Color
Hex	1DCD89
RGB	29, 205, 137
RGB Percent	11%, 80%, 54%
CMY	0.8863, 0.1961, 0.4627
CMYK	0.86, 0.00, 0.33, 0.20
HSL	157°, 75%, 46%
HSV	157°, 86%, 80%
XYZ	26.8534, 45.7300, 31.0784
YIQ	144.6240, -83.0680, -58.4600

Conversions

Conversions Part 2

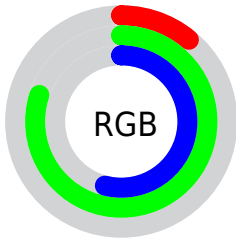
Format	Color
R _Y B	29, 138, 205
Decimal	1953161
CIE Lab	73.37, -57.13, 22.40
CIE LCh	73, 61.363, 158.587
Yxy	45.7300, 0.2590, 0.4411
Android (android.graphics.Color)	4280143241 (0xFF1DCD89)
YUV	144.6240, -3.7586, -101.4022
Hunter-Lab	67.6240, -47.4598, 20.0885

Details

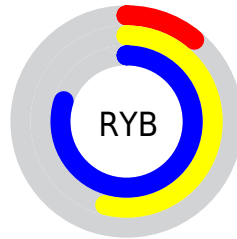
The Hex color **1DCD89** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **CD1D61**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **6DFFBF**, and **009557** is the 20% darker color. If you saturate the color by 10%, you get **08CD81**, and if you desaturate by 10%, it is **32CD91**.

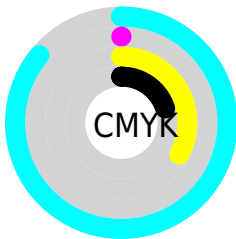
Distribution



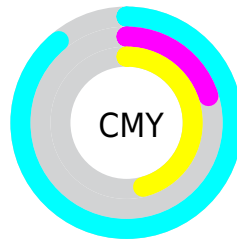
- Red (11%)
- Green (80%)
- Blue (54%)



- Red (11%)
- Yellow (54%)
- Blue (80%)



- Cyan (86%)
- Magenta (0%)
- Yellow (33%)
- Black (20%)



- Cyan (89%)
- Magenta (20%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DCD89 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 1DCD89 by changing the saturation by 10% instead.

 1DCD89

 1DCD89

FFFFFF

 00B16F

 6DFFBF

 009557

 8CFFDB

 007B3F

 ABFFF7

 006028

 CAFFFF

 004712

 E9FFFF

 003100

 001400

 000000

 1DCD89

 1DCD89

 08CD81

 32CD91

 00CD7E

 46CD99

 5ACDA1

 6FCDA9

 84CDB1

 98CDB9

 ADCDC0

 C1CDC8

 D6CDD0

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88C557



1DCD89



00D0C3

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1DCD89



67B5FF



FF8D71

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



1DCD89



CD1D61

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF82A6



1DCD89



CD9FFF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



1DCD89



00C5FF



FF89DF



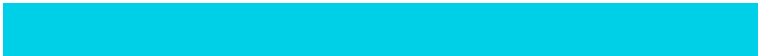
F4A349

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



1DCD89



00CFE8



FF89DF



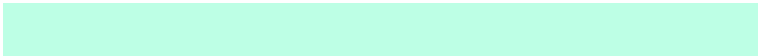
FF8882

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



1DCD89



BDFFE5



63CD1D



588070



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



1DCD89



00FF9C



1DBBCD



5C6662



00A666



002617

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



CD1D61



FF0063



CD2F1D



665C60



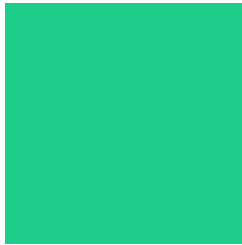
A60040



26000F

Previews

White Background



This preview shows how the Hex color 1DCD89 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 1DCD89 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

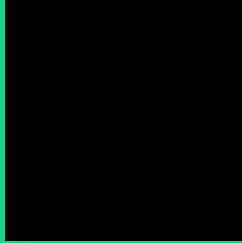
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1DCD89 Background



This preview shows how black text looks on a background with the Hex color 1DCD89.

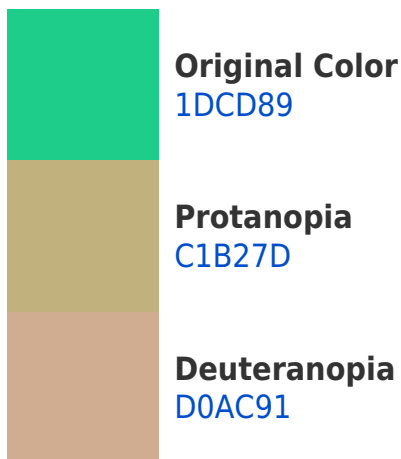


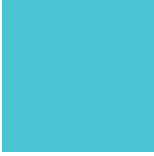
This preview shows how white text looks on a background with the Hex color 1DCD89.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



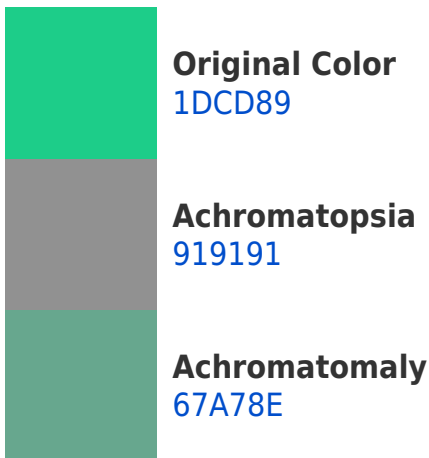


Tritanopia
4BC4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1DCD89 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #1DCD89 looks like.

```
.text, #text, p{  
    color:#1DCD89  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #1DCD89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DCD89
}
```

Border

The CSS property to change the border of an element to Hex 1DCD89 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1DCD89 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#1DCD89 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #1DCD89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DCD89; -webkit-box-shadow:4px 4px  
4px 4px #1DCD89; box-shadow:4px 4px 4px  
4px #1DCD89 }
```

Background

The CSS property to change the background color of an element to Hex 1DCD89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DCD89 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#1DCD89 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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